

**CLAIMS:-**

1. An incandescent lamp comprising at least four linear, helically-wound filament sections arranged with their longitudinal axes substantially parallel with each other and including a first filament section located along the longitudinal axis of the lamp with the remaining filament sections arranged substantially symmetrically around the first filament section.
- 2 A lamp as claimed in claim 1 wherein the total number of filament sections is 5.
3. A lamp as claimed in claim 1 wherein the total number of filament sections is 6.
4. A lamp as claimed in claim 1 wherein the total number of filament sections is greater than 6.
5. A lamp as claimed in claim 1 wherein the filament sections are connected in series.
6. A lamp as claimed in claim 1 wherein combinations of the filament sections are connected in parallel.
7. A lamp as claimed in claim 6 wherein the parallel connected combinations are connected in series.
8. A lamp as claimed in claim 1 wherein the filament sections are arranged such that the spacing between them is as small as possible without causing a significant risk of arcing.
9. A lamp as claimed in claim 1 wherein the gas inside the lamp comprises hydrogen.

10. A lamp as claimed in claim 1 wherein the lamp comprises a glass or quartz bulb coated with a material which is capable of reflecting infra-red radiation back to the filament structure.

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11. A lamp as claimed in claim 10 wherein the coating comprises a multiplicity of layers.

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12. A lamp as claimed in claim 11 wherein the coating comprises tantalum oxide and silicon oxide.

13. A lamp as claimed in claim 12 wherein the coating comprises 56 layers.

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14. An illumination arrangement comprises a lamp as claimed in claim 1 arranged axially in a concave reflector.